



**NL INDUSTRIES WASTE
TRANSACTION DATABASE REPORT**

(Volume 1 of 5)

**Volume 1: Introduction,
Project Tasks and Procedures,
and Appendices**

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I. INTRODUCTION

The National Lead Industries/Taracorp site consists of approximately 16 acres of land in a heavily industrialized portion of Granite City, Illinois. A waste pile consisting of blast furnace slag and battery case material exists at the site. The volume of this waste pile has been estimated at 85,000 cubic yards.

National Lead Industries, known as NL Industries, operated the site from 1928 until 1979. Taracorp purchased the site in 1979 and operated it until entering into a bankruptcy agreement in 1983 with NL Industries, EPA, and the Illinois Environmental Protection Agency (IEPA). Secondary lead smelting occurred at the site from 1903 to 1983.

In May 1985, NL Industries voluntarily entered into an Agreement and Administrative Order by Consent with EPA and IEPA to implement a Remedial Investigation and Feasibility Study (RI/FS) for the site. The site was placed on the National Priorities List on June 10, 1986.

In January 1990, Region V requested the National Enforcement Investigations Center's (NEIC) assistance in developing a computerized transaction database for the NL Industries site. The NEIC has assigned this work to the Contract Evidence Audit Team (CEAT-TechLaw). Todd Worthington was designated as the CEAT Project Leader.

The project objectives were to develop a computerized transaction database using NL Industries documents which have previously been photocopied and organized into transaction packets by NL Industries personnel and to incorporate supplemental 104(e) response waste transaction information.

The NL Industries Waste Transaction Database Report consists of Volumes 1-5. Volume 1 contains the Introduction, Project Tasks and Procedures, and Appendices. Volume 2 contains the Ranking Summaries. Volumes 3 through 5 contain the Waste Transaction Database printout.

II. PROJECT TASKS AND PROCEDURES

PHASE ONE - TRANSACTION DATABASE TASKS

Phase One consisted of the following six tasks:

Task 1: Conduct Project Setup Meeting

The CEAT Project Leader held a project setup meeting with the Region V project contacts on January 30, 1990, to establish the information requirements of the project, the work schedule, and the types of deliverables needed.

Task 2: Extract Information

A data extraction worksheet was designed based on the project information requirements (see Figure 1). Information from the transaction packets was recorded on the worksheets using the NL Industries Waste Transaction Extraction Guidelines located in Appendix A.. Appropriate matchcode lists were developed for coding repetitive categories of information, such as generator name and waste type.

Task 3: Design Database and Software

A computerized database was designed using dBASE III Plus database management software on an IBM-compatible PC. The fields in the database reflect project information requirements and programs were written to generate the required deliverable reports.

Task 4: Enter Data

Information from the extraction worksheets was entered into the computerized database.

Task 5: Conduct Quality Control (QC) Reviews

A rigorous 100% quality control (QC) procedure was used to ensure the accuracy, completeness, and consistency of the database. A first-generation printout of the database was produced and compared to the original source documents. Any changes or corrections were recorded directly on the printout and entered into the database. A second-generation printout was produced and compared to the first printout to verify that all edits were made as indicated.

Task 6: Prepare Preliminary Report

The preliminary report deliverables were prepared and then photocopied. Photocopies of the report deliverables were bound and delivered to the project contacts for review and approval on March 7, 1990. The CEAT has retained the unbound originals.

NL INDUSTRIES WASTE TRANSACTION EXTRACTION SHEET							
DATE OF EXTRACTION: _____				INITIALS: _____			
GENERATOR	DOCUMENT/ RECEIVED DATE	WASTE TYPE	QUANTITY	UNIT	COMMENT CODE	DOCUMENT TYPE	ORIGINAL DOC. NO.
	/ /						
	/ /						
	/ /						
	/ /						
	/ /						
	/ /						
	/ /						
	/ /						
	/ /						
	/ /						
	/ /						

Figure 1: NL Industries Waste Transaction Extraction Sheet

PHASE TWO - PHOTOCOPY PROJECT FILES AND INCORPORATE SUPPLEMENTAL 104(E) RESPONSE WASTE TRANSACTION INFORMATION

Phase Two consisted of the following five tasks:

Task 1: Photocopy Project Files

The CEAT made two photocopies of the project files. A 100% QC procedure was used to ensure the accuracy, completeness, and consistency of the photocopying task. The photocopies of the project files were delivered to the project contacts on March 17, 1990. The original project files will be returned to the project contacts after the completion of Phase Two.

Task 2: Extract Information

The project contacts provided the 104(e) response documents to the CEAT on April 13, 1990. The 104(e) documents were first compared to the existing project files to avoid extraction of duplicate documents. New transaction documents from the 104(e) responses were photocopied and placed in the existing project files. Information from the 104(e) transaction documents was recorded on the data extraction worksheet (see Figure 1) using the NL Industries Waste Transaction Extraction Guidelines located in Appendix A.

Task 3: Enter Data

Information from the extraction worksheets was entered into the existing computerized database.

Task 4: Conduct QC Reviews

A rigorous 100% QC procedure was used to ensure the accuracy, completeness, and consistency of the database. A first-generation printout of the database was produced and compared to the original source documents. Any changes or corrections were recorded directly on the printout and entered into the database. A second-generation printout was produced and compared to the first printout to verify that all edits were made as indicated.

Task 5: Prepare Reports

The report deliverables were generated on a laser printer and then photocopied. Two bound copies and one unbound copy of the waste transaction summaries and the waste transaction database were submitted to the EPA Region V project contacts on June 22, 1990.

APPENDIX A
NL INDUSTRIES WASTE TRANSACTION EXTRACTION GUIDELINES

APPENDIX A

NL INDUSTRIES WASTE TRANSACTION EXTRACTION GUIDELINES

For the purpose of developing this transaction database, the CEAT considered an incoming transaction to be "the purchase or receipt of materials by NL Industries from a generator." The CEAT arranged the documents into transactional packets representing either single or multiple incoming transactions by matching unique document number information or date, quantity, and waste type.

The guidelines used by the CEAT for extracting each field of information in the transaction database are presented below:

A. Generator

The name of the company indicated on the transactional packet as receiving credit for waste material shipped to the NL Industries site in Granite City was recorded as the generator for the transaction. The appropriate matchcode was entered into the **Generator** field by utilizing the generator matchlist.

NL Industries owns approximately a dozen sites throughout the country. If a transactional packet indicated the waste was sent to any site other than Granite City, the packet of transactional documents was removed from its box and placed into the "other site" file boxes. Other site locations included:

- St. Louis Park, Minnesota
- Altoona, Pennsylvania
- Atlanta, Georgia
- Pedricktown, New Jersey
- Brooklyn, New York
- Los Angeles, California
- Portland, Oregon
- Dallas, Texas
- Cleveland, Ohio
- McCook, Illinois
- Beech Grove, Indiana

B. Related Generator

The appropriate matchcode was entered into the **Related Generator** field by utilizing the generator matchlist when more than one generator was involved in a transaction.

C. Transaction Date

If there was a receiving date indicated on the primary or supporting document, that date was entered into the **Date** field. If the only date available was from another location on the primary document or supporting document, that date was entered into the **Date** field and an "E" was entered into the **Estimated Date** field. Whenever the received date could not be accurately determined, an "E" was entered into the **Estimated Date** field.

If there was no day and/or month, the date was estimated to be the first day and/or month of the year and an "E" was entered into the **Estimated Date** field. For example, December 1983 was indicated as 12/01/83 E.

If there was no year, 99 was used for the year and an "E" was entered into the **Estimated Date** field.

For documents with several dates, the earliest date was entered into the **Date** field and an "E" was entered into the **Estimated Date** field.

When the Settlement for Materials was the primary document and there was no year indicated on either the Settlement for Materials or the supporting document, the "due date" section at the bottom of the Settlement for Materials was utilized. If a digit appeared in the year column, this digit was used as the last number of the year and the transaction was assumed to have occurred in the 1970s. An "E" was not entered into the **Estimated Date** field.

Transactions dated after 12/31/83 were not entered into the database, at the project contact's request.

D. Waste Type

The appropriate matchcode was entered into the **Waste Type** field by utilizing the waste type matchlist. If a waste type was illegible or could not be located, the code for waste type "unknown" was entered into the **Waste Type** field. A list of waste types is located in Appendix B.

E. Quantity

The complete quantity for each waste type was entered into the **Quantity** field.

When a cost adjustment (e.g., Less Smelting Charge) to a transaction was observed on a document, the quantity listed was not extracted.

The following terms, when recorded on the Settlement for Materials document, represented adjustments to a previous transaction and the quantity listed was not extracted:

- Freight Allowed
- Freight Allowance
- Freight AL.

The word "Toll," when recorded on a Settlement for Materials, indicated material was sent to another company for processing. The quantity listed for these transactional packets was not extracted.

When credit was indicated in the Description of Materials section of a Settlement for Materials document represented an adjustment to a previous transaction and the quantity listed was not extracted.

F. Unit

The appropriate matchcode was entered into the **Unit** field by utilizing the unit matchlist. The totals used in the Ranking Summaries were calculated to the nearest pound by using conversion factors for each unit. Total pounds for each generator were calculated using the following conversion factors:

<u>Unit (one)</u>	<u>Pounds</u>
battery	40.00
drums	1,567.30
industrial junk batteries	40.00
pounds	1.00
tons	2,000.00
truck junk batteries	40.00
truckload	40,278.40

These conversion factors were calculated by conducting a rigorous examination of transaction documents in which a specific unit was associated with a quantity in pounds. The conversion factors were then approved by the project contacts. The calculations and supporting documents used to determine the conversion factors are presented in Appendix C.

G. Comment Code

The **Comment Code** field was reserved for certain discrepancies that occur throughout the documents. An explanation of each comment code is presented in Appendix D.

H. Document Type

The appropriate document type code was entered into the **Document Type** field by utilizing the document type matchlist. A list of document types used in the database is located in Appendix E. Examples of documents given the document type code for Miscellaneous are located in Appendix F.

The CEAT developed a hierarchy of documents to be used when extracting transactions. The hierarchy of documents is as follows:

Settlement for Materials
Material Receiving Report
Scale Ticket
Invoice

In most cases, only one primary document and one supporting document were listed for a transaction.

If necessary, up to four supporting documents were listed for a transaction.

When the document type differed from the hierarchy of documents, the CEAT determined the primary and supporting documents on a case-by-case basis.

A purchase contract was used as a primary document only if there was handwriting that indicated a date, a Material Receiving Report number, and a quantity.

I. Original Document Number

If a document was represented by a unique and original document number, that number was entered into the **Original Document Number** field.

APPENDIX B
LIST OF WASTE TYPES

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LIST OF WASTE TYPES

#1 HIGH SPEED BABBITT

#11 DROSS

#11-D BATTERIES (DIESELS)

#2 CAST

#8-D BATTERY (DIESEL)

13% ANTIMONY LEAD INGOTS

13/87 SOLDER DROSS

15/85 DROSS SOLDER

15/85 RECLAIM

15/85 RECLAIM SOLDER DROSS

15/85 SLAB SOLDER

271 DROSS SOLDER

271 RECLAIM

271 RECLAIM SOLDER DROSS

271 SLAB SOLDER

271 WIRE SOLDER

30/70 RECLAIM SOLDER DROSS

30/70 SOLDER

4.7% LEAD

40/60

40/60 SLAB SOLDER

5% SHOT MIX

50/50 SOLDER

7" DIESELS

7&1/2 DIESELS

-
-
8A SOLDER DROSS

-
8A WIRE SOLDER

-
A/L BLOCKS

-
A/L DROSS

-
A/L DROSS (CHUNKY)

-
A/L DROSS (FINE)

-
ACID

ACIDY SOLDER DROSS

-
ACIDY SOLDER SLAG

-
ACIDY SOLDER SPLATTERS

-
ADVANCE BATTERY PLATES

-
AG (SILVER)

ALLEN METAL

-
ALUMINUM CHOPPINGS

-
ALUMINUM COIL

-
ALUMINUM WIRE

-
ANTI LEAD

ANTIMONIAL LEAD

-
ANTIMONIAL LEAD BLOCKS

-
ANTIMONIAL LEAD METAL

-
ANTIMONIAL METAL

-
ANTIMONIAL PIG LEAD

ANTIMONY

-
ANTIMONY BARS

-
ANTIMONY IN PIGS

ARSENIC

ARSENIC TRIOXIDE

ARSENICAL ANTIMONIAL LEAD INGOT

ASARCO CAULKING LEAD

ASARCO LEAD

ASH & LOSS

AUTOMOBILE BATTERIES

AUTOMOBILE BATTERY PLATES

B. H. CORRODING LEAD

B. K. FLUX

B.B. SHOT

BABBITT DROSS

BABBITT METAL

BABBITT SCRAP METAL

BABBITT(#1)

BAG DUST

BAGHOUSE DUST

BALANCE

BANDING

BAR TIN

BATTERIES & INDUSTRIAL PLATES

BATTERIES (REGULAR) & WHOLE

BATTERIES, AUTO & DIESEL

BATTERIES/INDUSTRIAL PLATES/SCRAP PB

BATTERIES/SCRAP PB/AG

BATTERIES/WW/SCRAP PB

BATTERY CELLS

BATTERY CELLS (AUTO)

BATTERY LEAD

BATTERY LUGS

BATTERY MFG. SCRAP

BATTERY MUD

BATTERY PLATES & GRIDS

BATTERY PLATES 11-12

BATTERY PLATES AND SPACERS

BATTERY PLATES (IND., REG., RAWMIX)

BATTERY PLATES (REGULAR)

BATTERY TOPS

BATTERY TOPS & PLATES

BISMUTH

BLAST FURNACE METAL

BLAST SLUGS

BLOCK TIN

BLOCKS

BODY SOLDER GRINDINGS

BODY SOLDER GRINDINGS OILY

BODY SOLDER GRINDINGS/BONDERIZING SLUDGE

BODY SOLDER SOLIDS

BODY SOLDER SOLIDS MIXED WITH GRINDINGS

BODY SOLDER SPLATTERS (SPATTERS)

BRASS

BRASS & IRON

BROKEN STOVE CAST

BURNT OXIDE

CABLE

CABLE COVERED JUTE

CABLE LEAD

CABLE LEAD COVERED

CABLE LEAD COVERED JUTE

CABLE LEAD COVERED W/STEEL

CABLE LEAD COVERED W/STEEL STRIP

CABLE LEAD FILLED

CABLE LEAD SOWS

CABLE LEAD STRIPS

CABLE W/STEEL STRAND

CABLE/LEAD-COVERED/SCRAP

CADMIUM

CADMIUM BALLS

CALCIUM DROSS

CALCIUM LEAD DROSS

CALCIUM LEAD PLATES

CALCIUM PLATES

CALCIUM SCRAP PLATES

CARTER OXIDE

CAST

-
-
CAST IRON
-
CAST IRON RINGS
-
CAST LEAD BARS
-
CELLS
-
CLASTOMERIZED PULVERIZED PB
-
CLEAN LUG METAL
-
CLEAN METAL RECOVERED
-
CLEAN SOFT LEAD
-
CLEAN-OUT
-
COMMON LEAD
-
CONTAMINATED 014 SOLDER
-
CONTAMINATED Q/14 SCRAP
-
CONTAMINATED SOLDER
-
CONTAMINATED SOLDER INGOTS
-
CONTAMINATED SOLDER SCRAP
-
CONTAMINATED TIN SCRAP
-
CONTAMINATED TIN SCRAP & DROSS
-
CONVEYOR CLEANOUT
-
COPPER
-
COPPER BUSS BARS
-
COPPER LINED WIRE
-
COPPER WIRE
-
COPPER/STEEL
-
COPPER/TIN DROSS
-
CORRODING GRADE LEAD
-

-
-
CORRODING LEAD
- CORRODING PIG LEAD
COVERS
- CRUDE METAL
- CRUSHED TOP/GRID METAL
DALLAS AG DROSS
- DALLAS SOLDER DROSS
DESILVERIZED LEAD
- DIESELS
- DIVIDERS
DOE RUN BRAND LEAD
- DROSS
DROSS & LOSS
- DROSS PASTINGS
- DROSS REMELT
DROSSES & SKIMMINGS
- DROSSY INGOT
DRY BATTERY PLATES
- DRY ELEMENTS
- DRY INDUSTRIAL PLATES
- DRY INDUSTRIAL TELEPHONE PLATES
- DRY OXIDE
DRY PLATES W/SPACERS
- DUST
- E C WIRE

E. C. ALUMINUM CHOPPINGS
E. C. ALUMINUM WIRE
E. C. BARE WIRE
E. C. WIRE CHOPPINGS
ELECTRO TYPE
ELEMENTS
ELEMENTS W/SPACERS
ELEMENTS WET & DRY
EMPTY DRUMS
FILLER
FILLER BASE ALLOY
FILLER DROSS
FILLER DROSS & OILY GRINDINGS
FILLER METAL
FLOOR SWEEPINGS
FLUE DUST
FOIL
FORMED ELEMENTS
FOUNDRY TYPE
FURNACE METAL
FUSING ALLOY SCRAP
G. O. MILL
GLASS BATTERIES
GLASS CASE INDUSTRIAL BATTERIES
GLASS CELL INDUSTRIAL BATTERIES

GLASS INDUSTRIAL
GLASS JAR INDUSTRIAL BATTERIES
GLASS TELEPHONE BATTERIES
GP-4 BATTERY (GROUP)
GRADE B LEAD
GRIDS
GRIDS & PASTE
HAND TYPE
HARD LEAD
HARD LEAD IN PIGS
HI-TIN MONOTYPE
HI/TIN DROSS
HIGH GRADE SOLDER
HOOKS
IN PLANT JUNK BATTERIES
IND. BATTERY PLATES/AUTO BP/GLASS IND. BATTERIES
INDUSTRIAL & DIESEL PLATES
INDUSTRIAL BATTERIES
INDUSTRIAL BATTERIES RUBBER CASE
INDUSTRIAL BATTERIES STEEL CASE
INDUSTRIAL BATTERIES/BATTERY PLATES
INDUSTRIAL BATTERY CELLS
INDUSTRIAL BATTERY PLATES
INDUSTRIAL BATTERY PLATES W/L
INDUSTRIAL BATTERY PLATES-RUBBER FREE

INDUSTRIAL BATTERY TOPS

INDUSTRIAL CELLS

INDUSTRIAL GLASS BATTERIES

INDUSTRIAL PLATES

INDUSTRIAL PLATES & SCRAP LEAD

INDUSTRIAL PLATES & SPACERS

INDUSTRIAL PLATES W/LUGS

INDUSTRIAL PLATES W/TOPS

INDUSTRIAL PLATES/WHEEL WEIGHTS/SCRAP PB

INDUSTRIAL S/C BATTERIES (STEEL CASING)

INDUSTRIAL SWEEPINGS

INDUSTRIAL TELEPHONE BATTERIES

INDUSTRIAL TELEPHONE BATTERY PLATES

INDUSTRIAL TELEPHONE PLATES

INGOT LEAD

INGOT SOLDER

INGOTS OBSOLETE SOLDER

INLAND LEAD UNITS

IRON

IRON & LOSS

IRON ANODES

IRON BACKS

IRON HOOKS

IRONY CABLE LEAD

IRONY FILLER DROSS

IRONY SCRAP LEAD
JACK PASTE
JUNK
JUNK BATTERIES
L. G. SOLDER DROSS
L/M BATTERY
LARGE GLOSS TELE. BATTERIES
LD/ANT SORT-STR-SWEATED
LD/MIXED-SWEATED XREF
LEAD
LEAD & BRASS MIXED
LEAD & MACHINE DUST
LEAD ACID BATTERIES
LEAD BARS
LEAD BLOCKS
LEAD BORINGS
LEAD CATHODE
LEAD CHIPS
LEAD DROSS
LEAD DROSS & HARD HEADS
LEAD DROSS & INDUSTRIAL BATTERY PLATES
LEAD DROSS & LEAD SKIMMINGS
LEAD DROSS & MUD
LEAD DROSS & OXIDE
LEAD DROSS & SKIMMINGS

LEAD DROSSES/MUD/OXIDE

LEAD DUST

LEAD ENDS

LEAD INGOTS

LEAD LUGS

LEAD METAL

LEAD ORE

LEAD ORE DROSS

LEAD OXIDE

LEAD OXIDE & BLOCKS

LEAD PARTS

LEAD PASTE

LEAD PIGS

LEAD SCRAP

LEAD SHEATHING

LEAD SHEETS

LEAD SHOT

LEAD SHOT ALLOY

LEAD SLAG

LEAD SOWS

LEAD SULFATED MUD

LEAD TIN ALLOY

LEAD WHEEL WEIGHTS

LEAD WIRE

LESS GOLF CART AND MISCELLANEOUS

-
-
- LESS RUBBER CASE INDUSTRIALS
- LESS SMELTING CHARGE
- LESS STEEL CASE BATTERIES
- LESS SWEATING CHARGE
- LINOTYPE
- LINOTYPE BARS
- LINOTYPE DROSS
- LINOTYPE METAL
- LO TIN DROSS
- LOCOMOTIVES/RAILROAD BATTERIES
- LOOSE SCRAP LEAD
- LOSS
- LOT 750
- LOT 752
- LOW GRADE SOLDER
- LT. WT. BATTERY
- LUDLOW
- LUG METAL
- LUGS
- M-271 SOLDER DROSS
- M/C & LT. WT. BATTERY
- MACHINE DUST
- MCCOOK KETTLE DROSS
- METAL
- METAL RECOVERED

-
-
- MIXED BABBITT
- MIXED LEAD BLOCKS
- MIXED OXIDES
- MIXED PLATES
- MIXED PLATES & LEAD SCRAP
- MIXED REG. & IND. BATTERY PLATES
- MIXED SCRAP LEAD
- MIXED SOFT LEAD
- MIXED SOLDER
- MIXED SOLDER DROSS
- MIXED TYPE
- MONOTYPE
- MONOTYPE METAL
- MOTORCYCLE BATTERIES (M/C)
- MUD
- MUD & SWEEPINGS
- MUD ACIDY SOLDER DROSS
- NEW OXIDE
- NEW PASTED PLATES
- NEW PLATES
- NEW SPLIT CABLE LEAD
- OILY GRIDS
- ORGAN METAL
- OVEN DUST
- OXIDE

OXIDE & OXIDE PLATES

OXIDE & PASTE

OXIDE DROSS

OXIDE MUD

OXIDE PLATES

OXIDE PLATES W/SPACERS

PAPER

PASTE

PASTE & MUD

PASTE TUBES

PASTED BATTERY PLATES

PASTINGS

Pb STRIPS

PEWTER

PEWTER PUMPS

PIG LEAD

PIG SCRAP SOLDER

PIG SOLDER

PIGS 5% SHOT MIXTURE

PIGS WITH SHOT MIX

PIPE

PLANT DROSS

PLANT SCRAP

PLANT SCRAP & MUD

PLANT SCRAP DRY

-
-
- PLANT SCRAP METAL
- PLANT SCRAP WET
- PLASTIC BATTERIES
- PLASTIC INDUSTRIAL BATTERIES
- PLASTIC INDUSTRIAL CELLS
- PLASTIC TELEPHONE BATTERY
- PLATES & ELEMENTS
- PLATES & SPACERS
- PLATES & SPACERS/INDUSTRIAL PLATES
- PLATES & SPACERS/PLANT SCRAP
- PLATES (REGULAR)
- PLATES/MUD/DROSS
- PLUMBER'S LEAD W/IRON
- POT CLEANOUT
- POT DROSS
- POWDERED LEAD
- PRIMARY LEAD
- R & V LEADED SILICONE ELASTONER
- R/M
- RAGS
- RAW BATTERY PLATES
- RAW PLATES
- RAW PLATES & DRY ELEMENTS
- RAW PLATES & ELEMENTS
- RECAST SLABS & PLS TIN LEAD ALLOY
-

RECAST SLABS TIN - LEAD ALLOY

RECLAIM DROSS

RECLAIM LEAD

RECLAIMED PASTE

RECLAIMED SOLDER

REGULAR & 7-D BATTERIES

REGULAR & DIESEL BATTERIES

REGULAR & INDUSTRIAL PLATES MIXED

REGULAR BATTERY PLATES W/TOPS & RUBBER

REGULAR PLATES W/SPACERS

REGULAR WET BATTERIES

REJECT CABLE LEAD

REJECT MATERIAL

REMELT

REMELT CABLE

REMELT CABLE LEAD

REMELT LEAD

REMELT LEAD & WHEEL WEIGHTS

REMELT LEAD IN PIGS

REMELT LEAD SOLDER JOINTS

REMELT SCRAP LEAD

REMELT SCRAP LEAD METAL

REMELT SCRAP SOLDER

REMELT SOFT LEAD

REMELT SOLDER

REMELT SOLDER JOINTS

REMELT SOLDER PIGS

REMELT TELEPHONE CABLE Pb

REMELT/SCRAP LEAD CONTENT W/BISMUTH-REJECT

REVERB LEAD

REVERB LEAD BLOCKS

REVERB METAL

REVERB SLUGS

ROUTING CHIPS

RUBBER CASE INDUSTRIALS

S/CASE INDUSTRIAL

SALVAGE DUST & STRAP SOLDER

SCRAP

SCRAP A/L

SCRAP ALUMINUM

SCRAP ANODES

SCRAP ANTIMONIAL LEAD

SCRAP AUTOMOTIVE BATTERIES

SCRAP BABBITT

SCRAP BABBITT METAL

SCRAP BATTERIES

SCRAP BATTERY FINES

SCRAP BATTERY LUGS

SCRAP BISMUTH

SCRAP BLOCK TIN

SCRAP BRASS

SCRAP CABLE

SCRAP CABLE (LEAD COVERED COPPER)

SCRAP CABLE LEAD

SCRAP CABLE LEAD METAL

SCRAP CABLE LEAD W/STEEL

SCRAP COMMON BABBITT

SCRAP COPPER WIRE

SCRAP DROSS

SCRAP ELECTROTYPE

SCRAP FILLED CABLE LEAD

SCRAP FOUNDRY TYPE

SCRAP GRIDS

SCRAP INDUSTRIAL BATTERIES

SCRAP INDUSTRIAL BATTERIES ON SKIDS

SCRAP INDUSTRIAL BATTERIES/PLANT SCRAP

SCRAP IRON

SCRAP K/C WIRE

SCRAP LEAD

SCRAP LEAD & CABLE

SCRAP LEAD & CABLE LEAD

SCRAP LEAD BARS

SCRAP LEAD DROSS

SCRAP LEAD INGOTS

SCRAP LEAD LOSS

SCRAP LEAD METAL

SCRAP LEAD PIGS

SCRAP LEAD SHOT

SCRAP LEAD W/ BRASS CU

SCRAP LEAD W/BRASS

SCRAP LEAD W/IRON

SCRAP LEAD W/STEEL

SCRAP LEAD WIRE

SCRAP LINOTYPE

SCRAP METAL

SCRAP MIXED BABBITT

SCRAP MIXED TYPE

SCRAP ORGAN METAL

SCRAP ORGAN PIPE

SCRAP ORGAN PIPE METAL

SCRAP PEWTER

SCRAP PIG TIN

SCRAP PLATES (RAW)

SCRAP RIBBONS

SCRAP SHOT

SCRAP SHOT LEAD

SCRAP SHOT METAL

SCRAP SILVER

SCRAP SILVER LEAD

SCRAP SODA PUMPS

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2

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—

SHORT TURNINGS & OIL

SHREDDED STEEL

SILVER BARS

SILVER INGOTS

SILVER PLATES

SILVER SOLDER

SKIDS

SKIMMINGS

SMALL GLOSS TELE. BATTERIES

SN/PB

Sn/Pb ALLOY

SOFT CORRODING LEAD

SOFT LEAD

SOFT LEAD (#106-108, 109)

SOFT LEAD (#108)

SOFT LEAD (#109, 110)

SOFT LEAD (#109, 110, 112)

SOFT LEAD (#114)

SOFT LEAD BLOCKS

SOFT LEAD METAL

SOFT LEAD PIGS

SOFT LEAD PIGS (#101, 102)

SOFT LEAD PIGS (#107)

SOFT LEAD PIGS (#110, 111)

SOFT LEAD PIGS (#111)

-
-
- SOFT LEAD PIGS (#112)
- SOFT LEAD PIGS (#116)
- SOFT LEAD PIGS (#116, 117)
- SOFT LEAD PIGS (#117, 119)
- SOFT LEAD PIGS (#119)
- SOFT PIGS (#114)
- SOFT SCRAP LEAD & CABLE STRIPS
- SOFT VIRGIN LEAD
- SOLDER
- SOLDER DRIPPINGS
- SOLDER DROSS
- SOLDER DROSS & DROSS
- SOLDER FLUX & CAUSTIC SODA
- SOLDER FLUX FULL OF WATER
- SOLDER FLUX FULL OF WATER/STEEL GRINDINGS
- SOLDER FOIL SCRAP
- SOLDER GRINDINGS
- SOLDER GRINDINGS & SWEEPINGS
- SOLDER JOINTS
- SOLDER METALS
- SOLDER RECLAIM W/DROSS
- SOLDER SCRAP
- SOLDER SLAG
- SOLDER SLUSH
- SOLDER SLUSH & SULFUR DROSS
-

-
-
- SOLDER SPLATTERS (SPATTERS)
- SOLDER SWEEPINGS
- SOLDER WIPINGS
- SPLIT CABLE LEAD
- STACK BURNING CLEANOUT
- STACKING/BURNING (CLEANOUT)
- STACKING/CLEANOUT
- STEEL RODS (EMPTY)
- STEEL TURNINGS
- STEREOTYPE & HAND TYPE
- STOCK
- STOVE PLATE
- STRAPPED LEAD
- STRIP LEAD
- STRIP RIBBON
- STRIPING
- STRONTIUM DROSS
- STRONTIUM LEAD
- STRONTIUM PLATES
- STRONTIUM SCRAP PLATES
- SUMP MUD
- SUMP MUD & FLOOR SWEEPINGS
- SWEATED BABBITT SLUSH & SULFUR DROSSES
- SWEATED SOLDER SLUSH/SULFUR SOLDER DROSS
- SWEATING ORIGINAL SLUSH
-

SWEEPINGS
TABLE W/STEEL STRAND
TANK CLEANOUT
TAPE SOLDER
TELEPHONE BATTERY
TELEPHONE BATTERY PLATES
THAISARCO TIN INGOTS
TILE BATTERIES
TIN
TIN ANODES (7%)
TIN DROSS
TIN LEAD ALLOY
TIN PIPE
TIN SOLDER DROSS
TINNED COPPER PUCKS
TINNY DROSS
TOPS
TOY BABBITT
TRAFFIC JUNK BATTERIES
TRASH
TURNINGS
TYPE
TYPE DROSS
TYPE METAL
TYPE (STERO, STEREO, STENO)

UNKNOWN

USED 15/85 SOLDER

USED 271 SOLDER

VIRGIN LEAD

VIRGIN PIG LEAD

WET BATTERIES-AUTO

WET BATTERIES-VEND C & R

WET BODY SOLDER GRINDINGS

WET BODY SOLDER SOLIDS

WET BODY SOLDER SOLIDS MIXED W/GRINDINGS

WET DROSS

WET MUD

WET OXIDE

WET OXIDE PASTE

WET PLATES W/SPACERS

WET PULVERIZED SOLDER DROSS

WET RECLAIM SCRAPING

WET SALVAGE

WET SCRAP

WET SPENT JUNK BATTERIES

WHEEL WEIGHTS

WHOLE BATTERY/DIESELS

WIRE & DROSS MIXED

WIRE SOLDER

WOOD CORE INDUSTRIAL BATTERIES

WRAPPED PLATES

X-RAY LEAD

ZINC

APPENDIX C
CALCULATIONS FOR UNIT TYPE CONVERSION FACTORS

APPENDIX C
CALCULATIONS FOR UNIT TYPE CONVERSION FACTORS
Calculations for Determining Full Drum Conversion Factor

<u>Company/Document</u>	<u>Lbs.</u>	<u>Drums</u>		
Young Radiator				
Bill Of Lading No. R267835	9000	18		
Ford Motor Company				
Invoice No. 483728	46500	31		
Invoice No. 491521	42500	25		
Invoice No. 497444	36000	18		
Invoice No. 498132	29800	18		
Invoice No. 498275	40000	21		
Invoice No. 498276	34000	20		
Invoice No. 498613	25500	17		
	<hr/>	<hr/>		
Calculation of Average	263,300	+	168	= 1567.3 lbs/drum
Conversion Factor For Full Drums				1567.3 lbs/drum

PLANTS AT RACINE, WI, MATTOON, IL, AND CENTERVILLE, GA
GENERAL OFFICES: RACINE, WISCONSIN

BILL OF LADING NO. **R-267**

FREIGHT CHARGES	REPRESENTATIVE	DATE RECEIVED	DATE RELEASED	CUSTOMER ORDER NUMBER	SALES ORDER
		6-3-81	6-3-81		CRM 2-2-67
CUSTOMER REQUESTED SHIPMENT	CLASS OF SHIPMENT	MANUFACTURING	MARKET	CLASS	BY
SHIP VIA	ESTIMATED SHIPPING WEEK				
TRUCK-PREPAID	6-8-81				

SOLD TO: **TARACORP INDUSTRIES**
16TH & CLEVELAND BLVD
GRANITE CITY, IL 62040

SHIP TO: **SAVE**

TERMS: FROM INVOICE DATE, F.O.B. SHIPPING POINT, U.S.A.
 DISCOUNT TO BE COMPUTED ON NET AMOUNT OF INVOICE
 INTEREST WILL BE CHARGED FOR THE TIME TAKEN BEYOND 30 DAYS

QUANTITY	DESCRIPTION	PRICE EACH	AMOUNT
18 DRUMS	SOLDER DROSS - EACH DRUM CONTAINS 500 LBS. OR MORE		N/C
	9000# Est.		
	LOCATED IN DEPT: SHIPPING & RECEIVING		
	REASON FOR RETURN: TO OBTAIN TIN CONTENT CREDIT.		
	CREDIT REC'D \$4075.38		

SHIPPING ROUTE: _____ PRIORITY RATING: _____ CONTRACT NO.: _____

COPY

Ford Motor Company
CHICAGO ASSEMBLY PLANT
12800 TORRENCE AVE.
CHICAGO, ILLINOIS 60633

INVOICE NO.

4837

DATE RECEIVED	REC'D	BY	HOW PROC.	COMM. SENT	FILED	SEARCHED	INDEXED	SERIALIZED	FILED	HOW SHIPPED	TO	EXP.	CO.	PFC	PARCE. POST	REMARKS
7-18-80										Letter			X			
TYPE OF SHIPMENT:										DETAILS AND CARDS					GROSS WT.	
										11/325						

TARACORP INC
16TH ST & CLEVELAND BLVD
GRANITE CITY ILL 62040

SHIP TO OF OTHER THAN SOLD TO:

SAME

DATE TO SHIP	CUSTOMER ORDER OR ALTN. NO.	ISSUED BY		TERMS	F.O.B.	INVOICE REFERENCE		
		BE						
REQUESTED BY	PHONE	DIST. CODE	STOCK LOCATION	BUILDING CODE	REJECTED MATERIAL	REC. REPORT NO.	REC. REPORT DATE	SHIP APPROVAL
CHICO	251							

QUANTITY ORDERED	PART NO - CODE - DESCRIPTION	WEIGHT	TRAFFIC CODE	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
	SOLDER GRINDINGS SOLDER SWEEPINGS RECLAIM & RETURN TO CHGO ASSY AS 2 5/8% TIN ESEM 11A15 A INDICATE TOTAL LBS SHIPPED			31 DRUMS		
	COPY					
	<p>ALL PARTS/MATERIALS TO BE SHIPPED ARE CLASSIFIED:</p> <p>Hazardous _____ (Hazard Classified)</p> <p>Non-Hazardous _____</p>					

ENTERED
JUL 01 1980

EX-100
JUL 21 1960

ALL COPIES TO BE RELEASE (SIGNATURE)		DATE OF RELEASE	483728
TRUCK NAME AND NO.		DATE OF R/S NUMBER	

SELLER REPRESENTS THAT IT HAS COMPLIED WITH THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED, IN PRODUCING THE SUPPLIES OR PERFORMING THE SERVICES COVERED BY THIS INVOICE.

AAD3040

ORIGINAL - INVOICE

JAN 17 '90 13:15 FROM FOMOCO-CHGO-ASSY

49152

SHIP TO (IF OTHER THAN SOLD TO)

REF ID: A68097

Ford Motor Company
CHICAGO ASSEMBLY PLANT
 12000 TORRENCE AVE.
 CHICAGO, ILLINOIS 60628

PLANT CODE - APR8

INVOICE NO.

497474

DATE ORDER 2-4-83	QUANTITY ORDERED	PART NO. - CODE - DESCRIPTION	WEIGHT	TRAFFIC CODE	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
----------------------	------------------	-------------------------------	--------	--------------	------------------	------------	--------

SOLD TO

TARACORP INC
 16TH ST & CLEVELAND BLVD
 GRANITE CITY ILL 62040

SHIP TO (IF OTHER THAN SOLD TO)

SAME

DATE TO SHIP	CLIFF ORDER ORDER OR AUTH. NO.	ISSUED BY	TERMS	F.O.B.	INVOICE REFERENCE
		PO			
REQUESTED BY	PHONE	DIST. CODE	STOCK LOCATION	BUILDING CODE	RELATIVE MATERIAL
CHICGO	251				

QUANTITY ORDERED	PART NO. - CODE - DESCRIPTION	WEIGHT	TRAFFIC CODE	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
	SOLDER GRINDINGS			18 drums		
	SOLDER SWEEPINGS					
	RECLAIM & RETURN TO CHGO ASSY					
	AS 2.5/8% TIN ESEM 11A15 A					
	INDICATE TOTAL LBS SHIPPED					
	COPY					
	HAZARDOUS MATERIALS TO BE SHIPPED ARE CLASSIFIED HAZARDOUS (Hazardous)					

APPROVAL SIGNATURE TO RELEASE SIGNATURE	DATE SHIPPED	497474
APPROVAL SIGNATURE	DATE SHIPPED	

REPRESENTATIVE THAT I HAVE COMPLIED WITH THE FAIR
 TRADE ACT OF 1912 AS AMENDED IN PRODUCING
 THE SERVICES COVERED BY

ORIGINAL INVOICE

Ford Motor Company
CHICAGO ASSEMBLY PLANT
 13800 TORRENCE AVE
 CHICAGO, ILLINOIS 60628

PLANT CODE - AREA
 INVOICE NO.

498132

DATE ISSUED 3-9-83	INVOICE NO.	PLANT CODE	AREA	INVOICE NO.	PLANT CODE	AREA	INVOICE NO.	PLANT CODE	AREA	INVOICE NO.	PLANT CODE	AREA	INVOICE NO.	PLANT CODE	AREA
TOTAL 25259															

SOLD TO

TARACORP IND
 16TH ST & CLEVELAND BLVD
 GRANITE CITY, ILL., 62040

SHIP TO (IF OTHER THAN SOLD TO)

SAME

DATE TO SHIP	CUSTOMER ORDER OR AUTH. NO.	ISSUED BY	TERMS	F.O.B.	INVOICE REFERENCE
		PO			
QUANTITY ORDERED	PART NO. - CODE - DESCRIPTION	WEIGHT	TRAFFIC CODE	QUANTITY SHIPPED	UNIT PRICE

SOLDER GRINDINGS

SOLDER SWEEPINGS

RECLAIM & RETURN TO
 CHICAGO ASSY PLT AS 2 5/8% OF
 TIN ESEM 11A15 A

INDICATE TOTAL LBS SHIPPED

PARTS/MATERIALS TO BE SHIPPED ARE CLASSIFIED

Non-Hazardous
 (Not Classified)
 Non-Hazardous

18 PARTS

TRUCK NAME AND NO.	DATE SHIPPED	INVOICE NO.
KORTAL TRUCK	3-10-83	498132

SELLER REPRESENTS THAT IT HAS COMPLIED WITH THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED, IN PRODUCING THE GOODS OR PERFORMING THE SERVICES COVERED BY THIS INVOICE.

AAD3040

ORIGINAL INVOICE

COPY

498275

Page C-7

Ford Motor Company
CHICAGO ASSEMBLY PLANT
 13888 TORRENCE AVE.
 CHICAGO, ILLINOIS 60628

PLANT CODE - AP08

INVOICE NO.

498276

DATE ORDERED	DATE SHIPPED	DATE RECEIVED	DATE INVOICED	DATE PAID	DATE SHIPPED (ACTUAL)	DATE RECEIVED (ACTUAL)	DATE INVOICED (ACTUAL)	DATE PAID (ACTUAL)	DATE SHIPPED (ACTUAL)	DATE RECEIVED (ACTUAL)	DATE INVOICED (ACTUAL)	DATE PAID (ACTUAL)	DATE SHIPPED (ACTUAL)	DATE RECEIVED (ACTUAL)	DATE INVOICED (ACTUAL)	DATE PAID (ACTUAL)
3-21-83																

SOLD TO

TARACORP 1ND
 16TH ST & CLEVELAND BLVD
 GRANITE CITY, ILL. 62040

SHIP TO (IF OTHER THAN SOLD TO)

SAME

DETAILS AND CAR NO.		GROSS WEIGHT
TOTAL #1		34000
LENGTH OF CAR	CONTAINERS	TARE WEIGHT
WEIGHT		NET WEIGHT

ACCOUNT DISTRIBUTION

DATE TO SHIP	CUSTOMER ORDER OR AUTH. NO.	ISSUED BY	TERMS	F.O.B.	INVOICE REFERENCE
		BO			
REQUESTED BY	PHONE	DIST. CODE	STOCK LOCATION	BUILDING CODE	SELECTED MATERIAL
CHICGO	251				

QUANTITY ORDERED	PART NO. - CODE - DESCRIPTION	WEIGHT	TRAFFIC CODE	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
	SOLDER GRINDINGS			20		
	SOLDER SWEEPINGS					
	RECLAIM & RETURN TO CHICAGO ASSY PLT AS 2-5/8% TIN ESEM 11A15 A					
	INDICATE TOTAL LBS SHIPPED					

PARTS/MATERIALS TO BE SHIPPED ARE CLASSIFIED:

Hazardous

(Hazard Classified)

Non-Hazardous

AUTHORIZATION TO RELEASE SIGNATURE	DATE SHIPPED	INVOICE NO.
<i>[Signature]</i>	3-21-83	498276
TRUCK NAME	CARRIER SIGNATURE	DATE RECEIVED

SENDER REPRESENTS THAT IT HAS COMPLIED WITH THE PAIR
 UNDER FEDERAL ACT OF 1988 AS AMENDED IN PRODUCING
 THE S. 1001 OR PERFORMING THE SERVICES COVERED BY
 THIS INVOICE

PRICE AAD3040

ORIGINAL INVOICE

COPY

INVOICE NO. 498613

SAME

FROM FOWLER-ROBERTSON WORK 10:51 PM, 7/1 NEP

**Calculations for Determining Traffic and
in Plant Junk Battery Conversion Factor**

<u>Company/Document</u>	<u>Lbs.</u>	<u>Batteries</u>		
Globe				
Packing Slip No. 23-1252-DM	45480	1137		
Packing Slip No. 23-1255-DM	48160	1204		
Packing Slip No. 23-1286-DM	41720	1043		
Packing Slip No. 23-1330-DM	39760	994		
Packing Slip No. 23-1340-DM	30720	768		
Packing Slip No. 23-1341-DM	27280	682		
Packing Slip No. 23-1342-DM	34880	872		
Packing Slip No. 23-1343-DM	36280	907		
	<hr/>	<hr/>		
Calculation of Average	304,280	+	7607	= 40 lbs/battery
Conversion Factor For Traffic And In Plant Junk Batteries				40 lbs/battery



No 23- 1252-20

DATE July 1, 1975
CHARGE TO
FACTORY St. Joseph, Missouri
SHIPPED BY NL Industries, Inc.
16th & Cleveland
Granite City, Ill. 62040

SHIPPED VIA Capital Middle West DATE 7-1-75
WE DEBIT YOUR ACCOUNT AS FOLLOWS ☒
WE ARE RETURNING FOR CREDIT ☐

WE DEBIT YOUR ACCOUNT AS FOLLOWS <input checked="" type="checkbox"/>		COLLECT <input type="checkbox"/>	PREPAID <input checked="" type="checkbox"/>	PROCESSING <input type="checkbox"/>		
WE ARE RETURNING FOR CREDIT <input type="checkbox"/>		REPLACEMENT <input type="checkbox"/>	REPAIRS <input type="checkbox"/>			
QUANTITY	ARTICLES	QUANTITY	PRICE	PER	AMOUNT	
622	Traffic Junks Batteries	622				
515	In Plant Junk Batteries	515				
Weight #45.480						

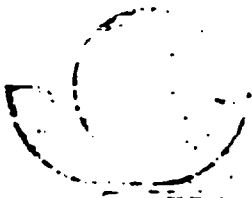
CREDIT W O NO _____
ACCT. NO _____
INCOMING TRANSPORTATION CHARGES →
OUTGOING TRANSPORTATION CHARGES →
TOTAL AMOUNT OF DEBIT →

REASON _____
RECEIVED ON OUR ORDER NO _____
RECEIVED ON YOUR INVOICE NO _____
REPLACE ON OUR ORDER NO _____
REPAIR AND RETURN ON OUR ORDER NO _____
TO BE USED ON OUR ORDER NO _____

- ☒ PLEASE SEND CREDIT MEMO
- ☐ PLEASE SEND CHECK
- ☐ ORIGINAL EXPRESS RECEIPT HEREWITH
- ☐ ORIGINAL BILL OF LADING HEREWITH
- ☐ PAID FREIGHT BILL HEREWITH
- ☐ PAID EXPRESS BILL HEREWITH

DO NOT REPLACE ANY MATERIAL UNLESS AUTHORIZED BY US ON OUR FORMAL PURCHASE ORDER

PACKING SLIP



1255-DIA

DATE July 1, 1975

FACTORY St. Joseph, Missouri
NL Industries, Inc.
16th & Cleveland
Granite City, Ill. 62040

CHARGE TO

SHIPPED VIA Capital Middle West

DATE SHIPPED 7-1-75

WE DEBIT YOUR ACCOUNT AS FOLLOWS
WE ARE RETURNING FOR CREDIT

COLLECT ☐
REPLACEMENT ☐

PREPAID ☐
REPAIRS ☐

PROCESS NO.

QUANTITY	ARTICLES	QUANTITY		PRICE	GROSS	AMOUNT
		SHIPPED	RECEIVED			
940	Traffic Junk Batteries	940				
264	In Plant Junk Batteries	264				
Total \$48,160						

CREDIT W O NO

INCOMING TRANSPORTATION CHARGES

OUTGOING TRANSPORTATION CHARGES

ACCT. NO

TOTAL AMOUNT OF DEBIT

REASON

RECEIVED ON OUR ORDER NO

REPAIR AND RETURN ON OUR ORDER NO

RECEIVED ON YOUR INVOICE NO

TO BE USED ON OUR ORDER NO

REPLACE ON OUR ORDER NO

☒ PLEASE SEND CREDIT MEMO

☐ ORIGINAL BILL OF LADING HEREWITH

☐ PLEASE SEND CHECK

☐ PAID FREIGHT BILL HEREWITH

☐ ORIGINAL EXPRESS RECEIPT HEREWITH

☐ PAID EXPRESS BILL HEREWITH

DO NOT REPLACE ANY MATERIAL UNLESS AUTHORIZED BY US ON OUR FORMAL PURCHASE ORDER

PACKING SLIP



GLOBE AMERICAN CORPORATION
 1000 W. 10TH STREET, ST. JOSEPH, MISSOURI 64501

DLN 5 700 2453

Ne 23- 1266 -DM

DATE August 7, 1975

FACTORY

St. Joseph, Missouri

CHARGE TO

SHIPPED TO

W L Industries Inc.
 16th & Cleveland
 Granite City, Ill. 62040

SHIPPED VIA

Byers Transportation

DATE SHIPPED 8-7-75

WE DEBIT YOUR ACCOUNT AS FOLLOWS ☐
 WE ARE RETURNING FOR CREDIT ☒

COLLECT ☐
 REPLACEMENT ☐

PREPAID ☒
 REPAIRS ☐

PROCESSING ☐

QUANTITY	ARTICLES	QUANTITY		PRICE	PER	AMOUNT
		SHIPPED	RECEIVED			
326	In Plant junk batteries					
717	Traffic junk batteries					
	19 skids					
	Total Wt. 41,720#					

CREDIT W O NO _____

INCOMING TRANSPORTATION CHARGES →

OUTGOING TRANSPORTATION CHARGES →

ACCT NO _____

TOTAL AMOUNT OF DEBIT →

REASON _____

RECEIVED ON OUR ORDER NO _____

REPAIR AND RETURN ON OUR ORDER NO _____

RECEIVED ON YOUR INVOICE NO _____

TO BE USED ON OUR ORDER NO _____

REPLACE ON OUR ORDER NO _____

☒ PLEASE SEND CREDIT MEMO
☐ PLEASE SEND CHECK
☐ ORIGINAL EXPRESS RECEIPT HEREWITH

☐ ORIGINAL BILL OF LADING HEREWITH
☐ PAID FREIGHT BILL HEREWITH
☐ PAID EXPRESS BILL HEREWITH

FORM 3-68

DO NOT REPLACE ANY MATERIAL UNLESS AUTHORIZED BY US ON OUR FORMAL PURCHASE ORDER

PACKING SLIP

September 5, 1975

St. Joseph, Missouri

CHARGE

SHIPPED

W L Industries Inc.
16th & Cleveland
Granite City, Ill.

Byers Transportation

DATE 9-5-75
SHIPPED

WE DEBIT NO. 1 AS TO NO. ON
WE ARE RETURNING FOR CREDIT

XXX

COLLECT
REPLACEMENT

ORDER XXXX
REPAIR

PROCESSING

QUANTITY	ARTICLES	QUANTITY	ARTICLES
921	Traffic Junk batteries	921	
73	In Plant " "	73	
994	Total shipped 39,760 weight		

CREDIT W O NO

INCOMING TRANSPORTATION CHARGES

OUTGOING TRANSPORTATION CHARGES

ACCT. NO

TOTAL AMOUNT OF DEBIT

REASON

RECEIVED ON OUR ORDER NO

REPAIR AND RETURN ON OUR ORDER NO

RECEIVED ON YOUR INVOICE NO

TO BE USED ON OUR ORDER NO

REPLACE ON OUR ORDER NO

PLEASE SEND CREDIT MEMO

PLEASE SEND CHECK

ORIGINAL EXPRESS RECEIPT HEREWITH

ORIGINAL BILL OF LADING HEREWITH

PAID FREIGHT BILL HEREWITH

PAID EXPRESS BILL HEREWITH

DO NOT REPLACE ANY MATERIAL UNLESS AUTHORIZED BY US ON OUR FORMAL PURCHASE

PACKING SLIP

1040-000

DATE **September 11, 1975** FACTORY **St. Joseph, Missouri**

CHARGE TO **N L Industries Inc.**

TO **16th & Cleveland**

Granite City, Ill

SHIPPED VIA **Byers Transportation** DATE SHIPPED **9-11-75**

WE DEBIT YOUR ACCOUNT AS FOLLOWS ☐ COLLECT ☐ PREPAID ☒

WE ARE RETURNING FOR CREDIT ☒ REPLACEMENT ☐ REPAIRS ☐ PROCESSING ☐

QUANTITY	ARTICLES	QUANTITY SHIPPED	DATE	PER	AMOUNT
347	Traffic junk batteries				
421	In Plant " "				
768	Total shipped	30,7204			
	22 pallets				

CREDIT W.O. NO. _____ INCOMING TRANSPORTATION CHARGES →

ACCT. NO. _____ OUTGOING TRANSPORTATION CHARGES →

TOTAL AMOUNT OF DEBIT →

REASON _____ REPAIR AND RETURN ON OUR ORDER NO. _____

RECEIVED ON OUR ORDER NO. _____

RECEIVED ON YOUR INVOICE NO. _____

REPLACE ON OUR ORDER NO. _____ TO BE USED ON OUR ORDER NO. _____

- ☒ PLEASE SEND CREDIT MEMO
- ☐ PLEASE SEND CHECK
- ☐ ORIGINAL EXPRESS RECEIPT HEREWITH
- ☐ ORIGINAL BILL OF LADING HEREWITH
- ☐ PAID FREIGHT BILL HEREWITH
- ☐ PAID EXPRESS BILL HEREWITH

DO NOT REPLACE ANY MATERIAL UNLESS AUTHORIZED BY US ON OUR FORMAL PURCHASE ORDER

PACKING SLIP

1341-DW

DATE September 11, 1975

St. Joseph, Missouri

CHARGE TO

BILL TO

N L Industries Inc.
16th & Cleveland
Granite City, Ill

SHIPPED VIA

Byers Transportation

DATE SHIPPED 9-11-75

WE DEBIT YOUR ACCOUNT AS FOLLOWS ☐COLLECT ☐PREPAID ☒WE ARE RETURNING FOR CREDIT ☒REPLACEMENT ☐REPAIRS ☐PROCESSING ☐

QUANTITY	ARTICLES	QUANTITY	PRICE	PER	AMOUNT
611	Traffic junk batteries				
71	In Plant " "				
682	Total shipped 27,2804				
	22 pallets				

CREDIT W O NO _____

INCOMING TRANSPORTATION CHARGES →

OUTGOING TRANSPORTATION CHARGES →

ACCT. NO _____

TOTAL AMOUNT OF DEBIT →

REASON _____

RECEIVED ON OUR ORDER NO _____

REPAIR AND RETURN ON OUR ORDER NO _____

RECEIVED ON YOUR INVOICE NO _____

TO BE USED ON OUR ORDER NO _____

REPLACE ON OUR ORDER NO _____

☒ PLEASE SEND CREDIT MEMO☐ ORIGINAL BILL OF LADING HEREWITH☐ PLEASE SEND CHECK☐ PAID FREIGHT BILL HEREWITH☐ ORIGINAL EXPRESS RECEIPT HEREWITH☐ PAID EXPRESS BILL HEREWITH

DO NOT REPLACE ANY MATERIAL UNLESS AUTHORIZED BY US ON OUR FORMAL PURCHASE

PACKING SLIP

FORM 3-60



1342 -DM

DATE 9-15-75 FACTORY St Joseph, Missouri
CHANGE TO SHIP TO N L Industries Inc.
16th & Cleveland
Granite City, Ill.

SHIPPED VIA Byers Transportation DATE SHIPPED 9-15-75

WE DEBIT YOUR ACCOUNT AS FOLLOWS ☐ COLLECT ☐ PREPAID ☒
WE ARE RETURNING FOR CREDIT ☒ REPLACEMENT ☐ REPAIRS ☐ REFINISHING ☐

QUANTITY	ARTICLES	QUANTITY	PRICE	PER	AMOUNT
800	Traffic Junk Batteries	800			
72	In Plant "	72			
872	Total shipped 34,880 Weight				
	22 exp pellets				

CREDIT W. O. NO _____ INCOMING TRANSPORTATION CHARGES →
ACCT. NO _____ OUTGOING TRANSPORTATION CHARGES →
TOTAL AMOUNT OF DEBIT →

REASON _____
RECEIVED ON OUR ORDER NO _____ REPAIR AND RETURN ON OUR ORDER NO _____
RECEIVED ON YOUR INVOICE NO _____
REPLACE ON OUR ORDER NO _____ TO BE USED ON OUR ORDER NO _____

- ☒ PLEASE SEND CREDIT MEMO ☐ ORIGINAL BILL OF LADING HEREWITH
☐ PLEASE SEND CHECK ☐ PAID FREIGHT BILL HEREWITH
☐ ORIGINAL EXPRESS RECEIPT HEREWITH ☐ PAID EXPRESS BILL HEREWITH

DO NOT REPLACE ANY MATERIAL UNLESS AUTHORIZED BY US ON OUR FORMAL PURCHASE ORDER

PACKING SLIP

9-15-75

St. Joseph, Missouri

N L INDUSTRIES INC.
16th & Cleveland
Granite City, Ill.

SHIPPED
VIA **Byers Transportation**

DATE
SHIPPED **9-15-75**

WE DEBIT YOUR ACCOUNT AS FOLLOWS ☐COLLECT ☐PREPARED ☒WE ARE RETURNING FOR CREDIT ☒REPLACEMENT ☐REPAIRS ☐PROCESSING ☐

Q	NTITY	ART CLES	QUANTITY		PRICE	PER	AMOUNT
			SHIPPED	BY			
706		Traffic Junk Batteries	706				
<u>201</u>		In Plant " "	201				
907		Total shipped					36,280#

CREDIT W O NO _____

INCOMING TRANSPORTATION CHARGES →

OUTGOING TRANSPORTATION CHARGES →

ACCT. NO. _____

TOTAL AMOUNT OF DEBIT →

REASON _____

RECEIVED ON OUR ORDER NO. _____

REPAIR AND RETURN ON OUR ORDER NO. _____

RECEIVED ON YOUR INVOICE NO. _____

REPLACE ON OUR ORDER NO. _____

TO BE USED ON OUR ORDER NO. _____

☒ PLEASE SEND CREDIT MEMO☐ PLEASE SEND CHECK☐ ORIGINAL EXPRESS RECEIPT HERewith☐ ORIGINAL BILL OF LADING HERewith☐ PAID FREIGHT BILL HERewith☐ PAID EXPRESS BILL HERewith

DO NOT REPLACE ANY MATERIAL UNLESS AUTHORIZED BY US ON OUR FORMAL PURCHASE ORDER

PACKING SLIP

FORM 3 40



MATERIAL RECEIVING REPORT

Metal Division/NL Industries, Inc.
Granite City, Illinois
PLANT CODE NO. 4151

W/Bath

BB

Isaac Corp Ind

No. 1049

DATE	IN: 8/22/79	OUT: 8/22/79
------	-------------	--------------

WEIGHT	
75703LB	Lbs. Gross
	Lbs. Tare
29943LB	Lbs. Net

FROM
REMOVED

TYPE	<i>P</i>	VENDOR NUMBER	<i>585551</i>	CONVERSION CUST. ACCOUNT NO.	
------	----------	---------------	---------------	------------------------------	--

RECEIVED VIA	DELIVERY BY	TRUCK LINE	CAR NO	SEAL NO (S)	PROD NO	QTY	COLLECT	AMOUNT
<i>TT</i>					<i>GC-407</i>	<i>2</i>		
RECEIVED BY	WEIGHED BY			PROVED BY		PARTIAL RECEIPT		
	<i>jc</i>					YES NO		
SHIPPER'S MARKING				SHIPPER'S WEIGHT				

QTY	MATERIAL CODE	BN NO	NO OF PCS ORM PDS ETC	MATERIAL DESCRIPTION	GROSS	TARE	NET	PRICE PER LB
1	310001	1121		Reg. Batt.	44860		44860	
2	310001	6		Sticks	900		900	
3								
4								
5								

ANALYSIS AND RECOVERY DATA									
LAB NO	1	LAB NO	2	LAB NO	3	LAB NO	4	LAB NO	5
MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%
ELEMT	%	ELEMT	%	ELEMT	%	ELEMT	%	ELEMT	%
PB		PB		PB		PB		PB	
SN		SN		SN		SN		SN	
SB		SB		SB		SB		SB	
CU		CU		CU		CU		CU	
AS		AS		AS		AS		AS	
BI		BI		BI		BI		BI	
CD		CD		CD		CD		CD	
AG		AG		AG		AG		AG	
METAL RECOVERED	%	METAL RECOVERED	%	METAL RECOVERED	%	METAL RECOVERED	%	METAL RECOVERED	%
DROBS	%	DROBS	%	DROBS	%	DROBS	%	DROBS	%
LOSS	%	LOSS	%	LOSS	%	LOSS	%	LOSS	%

PAYMENT

DATE

BATCH

AMT.

GC-4078

POSTED

DATA PROCESSING

INITIAL

DATE

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MATERIAL RECEIVING REPORT

~~CONFIDENTIAL~~ MC

Granite City, Illinois

PLANT CODE NO. 4151

BB

Taiacorp Ind.

No. 1154

DATE	IN: 8/29/79	OUT: 8/29/79	WEIGHT
REMOVED FROM TYPE	Ice Scrap		76520 LB
	H/daisy 22		30340 LB
			46180
	VENDOR NUMBER		CONVERSION CUST. ACCOUNT NO.

RECEIVED BY	BY MAIL OR BY TRAIL LINE	CAR NO	SEAL NO (S)	PRO NO	P.P.	COLLECT	AMOUNT
PR <input type="checkbox"/> TR <input checked="" type="checkbox"/>	<i>Moran Trk</i>			<i>2C 4078</i>			\$
RECEIVED BY	WEIGHED BY	APPROVED BY				PARTIAL RECEIPT	
	<i>JC</i>					YES	N/C
SHIPPER'S MARKING				SHIPPER'S WEIGHT			

LINE	MATERIAL CODE	QTY	UNIT	MATERIAL DESCRIPTION	GROSS	TARE	NET	PRICE PER LB
1	3100001	1132		Reg. Bat.	45280		45280	
2	3100001	6		Diels	900		900	
3								
4								
5								

ANALYSIS AND RECOVERY DATA

LAB NO 1		LAB NO 2		LAB NO 3		LAB NO 4		LAB NO 5		PAYMENT
MOISTURE		MOISTURE		MOISTURE		MOISTURE		MOISTURE		
ELEMT		ELEMT		ELEMT		ELEMT		ELEMT		
PB		PB		PB		PB		PB		
SN		SN		SN		SN		SN		
SB		SB		SB		SB		SB		
CU		CU		CU		CU		CU		
AS		AS		AS		AS		AS		
B		BI		BI		BI		BI		
CD		CD		CD		CD		CD		
AG		AG		AG		AG		AG		
METAL RECOVERED		METAL RECOVERED		METAL RECOVERED		METAL RECOVERED		METAL RECOVERED		GC-4078
DROPS		DROPS		DROPS		DROPS		DROPS		
LOSS		LOSS		LOSS		LOSS		LOSS		



MATERIAL RECEIVING REPORT

Granite City, Illinois
PLANT CODE NO. 4151

W/Bat

BB Called MTX Dep. 44779

Taracorp Ind

No. 1415

DATE IN: 9/4/79 OUT: 9/20/79

WEIGHT	
===56807LB	Lbs. Gross
	Lbs. Tare
===13527LB	Lbs. Net
43280	

REMOVED FROM

Ace Scrap
Solomon Mo

TYPE _____ VENDOR NUMBER 2942-43 CONVERSION CUST. ACCOUNT NO. _____

RECEIVED VIA	CL	WAY	NO	TAKE LINE	CAR	PRD NO	COLLECT	AMOUNT
RE	1	2	3	4	5	6	7	8
RECEIVED BY	WEIGHED BY					APPROVED BY	PARTIAL RECEIPT	
							YES NO	
SHIPPER'S MARKING					SHIPPER'S WEIGHT			
					43400			

T	M	MATERIAL CODE	B N NO	NO OF PCS DRUM PDS ETC	MATERIAL DESCRIPTION	GROSS	TARE	NET	PRICE PER LB.
1		310001		1055	Reg. Batt	42230		42230	
2		310001		7	Sheets	1050		1050	
3									
4									
5									

ANALYSIS AND RECOVERY DATA									
LAB NO	1	LAB NO	2	LAB NO	3	LAB NO	4	LAB NO	5
MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%
ELEMT	%	ELEMT	%	ELEMT	%	ELEMT	%	ELEMT	%
PB		PB		PB		PB		PB	
SN		SN		SN		SN		SN	
SB		SB		SB		SB		SB	
CU		CU		CU		CU		CU	
AS		AS		AS		AS		AS	
BI		BI		BI		BI		BI	
CD		CD		CD		CD		CD	
AG		AG		AG		AG		AG	
METAL RECOVERED	%	METAL RECOVERED	%	METAL RECOVERED	%	METAL RECOVERED	%	METAL RECOVERED	%
DROBS	%	DROBS	%	DROBS	%	DROBS	%	DROBS	%
LOSS	%	LOSS	%	LOSS	%	LOSS	%	LOSS	%

PAYMENT

DATE

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AMT.

Gc-116

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MATERIAL RECEIVING REPORT

Granite City, Illinois

PLANT CODE NO 4151

BB

Taracorp

No. 1488

FROM RECEIVED	DATE IN: 9/20/79	OUT: 9/20/79	WEIGHT
	Ace Scrap		15087 LB
	Manchester, Mo		Lbs. Gross
	St. Louis, Mo		Lbs. Tare
			29367 LB
			45720 ✓
			Lbs. Net

TYPE _____ VENDOR NUMBER _____ CONVERSION CUST. ACCOUNT NO. _____

RECEIVED BY: <input checked="" type="checkbox"/> DRIVER	DEPT. OR TRUCK LINE	CAR NO	SEAL NO (S)	PRO NO	P.P	COLLECT	AMOUNT
RECEIVED BY:	WEIGHED BY: JC	APPROVED BY:	PARTIAL RECEIPT				
SHIPPER'S MARKING			SHIPPER'S WEIGHT				

LINE	MATERIAL CODE	B. NO	NO OF PCS ORM PGS ETC	MATERIAL DESCRIPTION	GROSS	TARE	NET	PRICE PER LB.
1	310001	1120	Reg. Bott	44820 ✓	44820			
2	310001	6	Drum	900 ✓	900			
3								
4								
5								

ANALYSIS AND RECOVERY DATA									
LAB NO	1	LAB NO	2	LAB NO	3	LAB NO	4	LAB NO	5
MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%
ELEMT	%	ELEMT	%	ELEMT	%	ELEMT	%	ELEMT	%
PB		PB		PB		PB		PB	
SN		SN		SN		SN		SN	
SB		SB		SB		SB		SB	
CU		CU		CU		CU		CU	
AS		AS		AS		AS		AS	
BI		BI		BI		BI		BI	
CD		CD		CD		CD		CD	
AG		AG		AG		AG		AG	
META. RECD	✓	META. RECOVERED	✓	META. RECOVERED	✓	META. RECOVERED	✓	META. RECOVERED	✓
DRY	✓	DRY	✓	DRY	✓	DRY	✓	DRY	✓
LOSS	✓	LOSS	✓	LOSS	✓	LOSS	✓	LOSS	✓

PAYMENT _____

DATE _____

BATCH _____

AMT. GC-116

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Granite City, Illinois
PLANT CODE NO 4151

BB

Taracorp

No. 1646

DATE IN: 10279 OUT: 10-279

WEIGHT
26483LB

FORM 1-10

Ace Soap
St Louis, Mo.

9143LB
17340

Lbs. C
Lbs. T
Lbs. N

TYPE _____ VENDOR NUMBER _____ CONVERSION CUST. ACCOUNT NO. _____

RECEIVED BY	DATE	OR TRUCK LINE	CAR NO	SEAL NO	PROD NO	COLLECT	AMOUNT
					GC116		\$
RECEIVED BY	WEIGHTED BY				APPROVED BY	PARTIAL RECE	
					YES NO		
SHIPPER'S MARKING					SHIPPER'S WEIGHT		

QTY	MATERIAL CODE	BIN NO	NO OF PCS DRUM PIGS ETC	MATERIAL DESCRIPTION	GROSS	TARE	NET	PRICE PER
1	310001	426		Reg. Batt	17040		17040	
2	310001	2		Insul	300		300	
3								
4	Material brought in on Under truck here with no stampings							
5	On Pallets though no Tar weight to be deducted							

ANALYSIS AND RECOVERY DATA

LAB NO	1	LAE NC	2	LAB NO	3	LAB NO	4	LAB NO	5
MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%
ELEMT	%	ELEMT	%	ELEMT	%	ELEMT	%	ELEMT	%
PB		PB		PB		PB		PB	
SN		SN		SN		SN		SN	
SB		SB		SB		SB		SB	
CU		CU		CU		CU		CU	
AS		AS		AS		AS		AS	
BI		BI		BI		BI		BI	
CD		CD		CD		CD		CD	
AG		AG		AG		AG		AG	
METAL RECOVERED	•	METAL RECOVERED	•	METAL RECOVERED	•	METAL RECOVERED	•	METAL RECOVERED	•
DROPS	•	DROPS	•	DROPS	•	DROPS	•	DROPS	•
LOSS	•	LOSS	•	LOSS	•	LOSS	•	LOSS	•

PAYMENT

DATE

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AMT.

GC-116

COPY

ACCOUNTING COPY



MATERIAL RECEIVING REPORT

BB 7/10/79

Taracorp
INDUSTRIES

16th & Cleveland Blvd. - Grand Central Station 62nd St

No. **№ 00181-**

RECEIVED FROM	DATE IN: <u>12/10/79</u>	OUT: <u>12/10/79</u>	WEIGHT
	<u>Acc Scrap Metal</u>		<u>65283 LB</u>
	<u>H. Lewis, Inc.</u>		Lbs. Gross
			Lbs. Tare
			<u>32443 LB</u>
			Lbs. Net

TYPE _____ VENDOR NUMBER _____ CONVERSION CUST. ACCOUNT NO. 4490

RECEIVED BY <u>TT</u>	DELIVERY RR OR TRUCK LINE	CAR NO	SEAL NO (S)	PRO NO <u>4490</u>	PP	COLLECT	AMOUNT \$
RECEIVED BY	WEIGHED BY <u>JC</u>	APPROVED BY		PARTIAL RECEIPT		YES NO	
SHIPPER'S MARKING				SHIPPER'S WEIGHT			

QTY	MATERIAL CODE	BIN NO	NO OF PCS OR M PGS ETC	MATERIAL DESCRIPTION	GROSS	TARE	NET	PRICE PER LB
1	310001	778		Red Bath	31140	-	31140	
2	310001	8		Steel	1200	-	1200	
3								
4								
5								

ANALYSIS AND RECOVERY DATA									
LAB NO	1	LAB NO	2	LAB NO	3	LAB NO	4	LAB NO	5
MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%
ELEM T	%	ELEM T	%	ELEM T	%	ELEM T	%	ELEM T	%
PB		PB		PB		PB		PB	
SN		SN		SN		SN		SN	
SB		SB		SB		SB		SB	
CU		CU		CU		CU		CU	
AS		AS		AS		AS		AS	
BI		BI		BI		BI		BI	
CD		CD		CD		CD		CD	
AG		AG		AG		AG		AG	
METAL RECOVERED	*	METAL RECOVERED	*	METAL RECOVERED	*	METAL RECOVERED	*	METAL RECOVERED	*
DROSS	*	DROSS	*	DROSS	*	DROSS	*	DROSS	*
LOSS	*	LOSS	*	LOSS	*	LOSS	*	LOSS	*

PAYMENT

DATE

BATCH

AMT.

GC-240

COPI

wa
/

Granite City, Illinois

PLANT CODE NO 4151

BB Call MTX Evelyn 91879 045/yr

IN:

9-17-79

ဝပ်:

92179

WEIGHT

60287LB

Lbs. Gro

Lbs. Tare

$$= 15462 \text{ LB}$$

Lbs. Net

4482E

FROM
DEW-POINT

Becker mth
Soloway Mo.

TYPE

VENDOR
NUMBER

CONVERSION CUST.
ACCOUNT NO.

RECEIVED BY RR <input checked="" type="checkbox"/> 6	DELIVERY RRRR TRUCKLINE 11	CAR NO 125	SEAL NO (S)	PRO NO 4067	P	COLLECT	AMOUNT 8
RECEIVED BY			APPROVED BY			PARTIAL RECEIPT	
SHIPPER'S MARKING			SHIPPER'S WEIGHT			YES	NO

QTY	MATERIAL CODE	BIN NO	NO OF PCS DRM PGS ETC	MATERIAL DESCRIPTION	GROSS	TARE	NET	PRICE PER LB
1	310001	1088		Reg. Batt	4354		4354	
2	310001	6		Diesel	900		900	
3	320002	1		Sub Battery	380		380	
4								
5								

ANALYSIS AND RECOVERY DATA

LAB NO	1	LAB NO	2	LAB NO	3	LAB NO	4	LAB NO	5	PAYMENT
DISURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%	
ELEM	%	ELEM	%	ELEM	%	ELEM	%	ELEM	%	DATE
		PB		PB		PB		PB		
		SN		SN		SN		SN		
		SB		SB		SB		SB		
		CU		CU		CU		CU		
		AS		AS		AS		AS		
		BI		BI		BI		BI		
		CD		CD		CD		CD		
		AG		AG		AG		AG		BATCH
										AMT.
REC	•	METAL RECOVERED	•	METAL RECOVERED	•	METAL RECOVERED	•	METAL RECOVERED	•	GC-4067
	•	DROPS	•	DROPS	•	DROPS	•	DROPS	•	
	•	LOSS	•	LOSS	•	LOSS	•	LOSS	•	

COP

ACCOUNTING COPY

NL Industries Waste
Transaction Database Report

T

MATERIAL RECEIVING REPORT

BB Call
M.P. 11/17/80
1:30Taracorp
Industries

18. n & Cleveland Bldg. 1st Flr. Ctr. It. nos 62040

No. No. 00540

DATE IN: 1/17/80 OUT: 1/17/80

WEIGHT	
56887LB	Lbs. Gross
15747LB	Lbs. Tare
41140	Lbs. Net

REMOVED FROM

Becker Metals

Al Lewis, Mo.

TYPE

VENDOR
NUMBERCONVERSION CUST.
ACCOUNT NO.

RECEIVED VIA	DELIVERY RD OR TRUCK LINE	CAR NO	SEAL NO (S)	PROD NO	PP	COLLECT	AMOUNT
RA <input checked="" type="checkbox"/> TRK	TT	125	07-359211	026409	2		\$
RECEIVED BY	WEIGHED BY	APPROVED BY		PARTIAL RECEIPT			
	je			YES		NO	
SHIPPER'S MARKING		SHIPPER'S WEIGHT		41480			

QTY	MATERIAL CODE	BIN NO	NO OF PCS ORM PGS ETC	MATERIAL DESCRIPTION	GROSS	TARE	NET	PRICE PER LB.
1	310001	1017		Reg. Batt	40690	—	40690	
3	310001	3		Diesel	450	—	450	
4								
5								

RECEIVED

ANALYSIS AND RECOVERY DATA									
LAB NO	1	LAB NO	2	LAB NO	3	LAB NO	4	LAB NO	5
MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%	MOISTURE	%
ELEMT	%	ELEMT	%	ELEMT	%	ELEMT	%	ELEMT	%
PB		PB		PB		PB		PB	
SN		SN		SN		SN		SN	
SB		SB		SB		SB		SB	
CU		CU		CU		CU		CU	
AS		AS		AS		AS		AS	
BI		BI		BI		BI		BI	
CD		CD		CD		CD		CD	
AG		AG		AG		AG		AG	
METAL RECOVERED		METAL RECOVERED		METAL RECOVERED		METAL RECOVERED		METAL RECOVERED	
DROSS		DROSS		DROSS		DROSS		DROSS	
LOSS		LOSS		LOSS		LOSS		LOSS	

10 1983
HOYT PURCH.
PAYMENT

DATE

BATCH

AMT.

GC-282

COPY

**Calculations for Determining Truckload
Conversion Factor**

<u>Company/Document</u>	<u>Lbs.</u>	<u>Truckloads</u>			
Acme Iron & Metal Co.					
Invoice No. 2559	42348	1			
Central Iron & Metal co.					
Invoice No. 13869	37330	1			
General Waste Products, Inc.					
Sales Contract No. GC-1000	40200	1			
Madewell & Madewell, Inc.					
Invoice No. 3370	44000	1			
Invoice No. 3374	41800	1			
Modine Manufacturing Company					
Memorandum No. 311-017701	43180	1			
Freight Bill No. 2102471	38369	1			
Shipping Order No. 318 1531	35000	1			
	<hr/>	<hr/>			
Calculation of Average	322,227	8	+	=	40278.4 lbs/trkld
Conversion Factor For Truckload					40278.4 lbs/trkld

ACME IRON & METAL CO.

P. O. BOX 2275 • 2000 DEWEY STREET

ANDERSON, INDIANA 46011

PHONE (317) 642-3751

INVOICE

No. 2559

TARACORP INDUSTRIES
16th & Cleveland Blvd
Granite City, Ill 62040

INVOICE DATE	Apr 6 1982	
OUR ORDER NO		
YOUR ORDER NO	GC-1723	
TERMS	net 30	PAY TO Anderson, Ind
SALESMAN		
SHIPPED VIA	Dasher Trucking	

Granite City, Ill			
QUANTITY	DESCRIPTION	PRICE	AMOUNT
1 T/L	Steel Glad Industrial Batteries		
	17 Batteries + 2 skids of loose cells		
	- 2 skids		
	net weight		

FORM 1400 REGENT FORMS BELLMONT N.J. 08001

Remarks

Confirmation: Mr. M. Schlossberg/Ed Hoxian

NOTE: OUR WEIGHTS AND ASSAY TO GOVERN SETTLEMENTS UNLESS SHIPPER IS REPRESENTED BY A REPUTABLE LABORATORY IF MATERIAL IS NOT DELIVERED ON OR BEFORE SPECIFIED TIME THE PURCHASER HAS THE PRIVILEGE OF CANCELLING THIS CONTRACT. ALL AGREEMENTS ARE CONTINGENT UPON FIRES, STRIKES, EMBARGOS, ACCIDENTS AND OTHER DELAYS BEYOND OUR CONTROL.

Accepted _____

By _____

Date _____

Taracorp Industries
By *E. I. Hoxian* 3/22/82
EDWARD I. HOXIAN

MATERIALS MANAGER/WORK FILE

INVOICE

No. 13869

Central Iron & Metal Co.PHONES: (217) 523-3619 - (217) 523-3732
1100 SOUTH NINTHP. O. BOX NO. 1180
SPRINGFIELD, ILLINOIS 62705

SHIPPED TO

SOLD
TOTaracorp Industries
16th & Cleveland Boulevard
Granite City, Illinois 62040

Same

QUANTITY	DESCRIPTION	PRICE	TOTAL
OF G.A. Springfield Illinois	YOUR ORDER NO. SC 1611	SHIPPED VIA H. C. Slater Truck Line	INVOICE DATE 3-23-82
			CAR NO.

1 T/L Scrap Automotive Batteries

RECEIVED
MAR 29 1982
HOYT PURCH.

GROSS 68000
TARE 20400
NET TONS 30600
-1270 loss skids 1 boxes OR G. T.
37320 29.00 CWT \$ 3359.70

Complete

REMARKS

Contract number must appear on all paperwork.
Confirmation: Gene DuVall/Dave Goldman, 1/22/82

NOTE: OUR WEIGHTS AND ASSAY TO GOVERN SETTLEMENTS UNLESS SHIPPER IS REPRESENTED BY A REPUTABLE LABORATORY IF MATERIAL IS NOT DELIVERED ON OR BEFORE SPECIFIED TIME THE PURCHASER HAS THE PRIVILEGE OF CANCELLING THIS CONTRACT ALL AGREEMENTS ARE CONTINGENT UPON FIRES, STRIKES, EMBARGOES, ACCIDENTS AND OTHER DELAYS BEYOND OUR CONTROL.

apled

Taracorp Industries

By *Gene DuVall*
GENE DU VALL

MATERIALS MANAGER/WORK FILE

71b Avenue & Pennsylvania Expressway • Evansville, Indiana 47701 • Phone (812) 423-4267

DATE 4-13-81

16TH & CLEVELAND BLVD

GRANITE CITY, IL 62040

CONTRACT NO. GC-1000

TARA CORP--COMPANY

VIA TRACTOR NO. 28934
TRAILER NO. 132

SIDE SEAL NO.

REAR SEAL NO. J 630398 Lbs G-025

ATT:

40, 20

ITEMS HAVE BEEN LOADED AS LISTED

RECEIVED
APR 14 1981
HOYT PURCH

Received By:

Madewell & Madewell

(OLICH) INCORPORATED (OLICH)

Dealers in Non-Ferrous Scrap Metals

P. O. BOX 386

JONES, OKLAHOMA 73049

Phone 405 338-2201 or 338-8471

SOLD TO
Tara-Corp.
(Former N.L. Plant)
Granite City, Ill.

INVOICE NO. **Nº 3370**

INVOICE DATE **June 4, 1980**

SHIPPED TO **Tara-Corp.
(Former N.L. Plant)
Granite City, Ill.**

ORDER NO.	YOUR ORDER NO.	SALESMAN	TERMS	SHIPPED VIA	PAGE OF COLL.
		Hugh	Net 30-Days	Madewell Truck	
QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT		
1	Truckload of Battery Groups as follows:				
	Truck No. L-91				
	Gross Wt. 73,200#				
	Tare Wt. 29,200#				
	Net Wt. 44,000#				
	Load #1				

PRINTED BY GRAYARC CO. INC. BROOKLYN NY 11222 (41)

Contract Number must appear on all payments

CONFIRMATION Gene Devall/Hugh Madewell, 5/29/80

Please sign one copy and return to TARACOR INDUSTRIES
CONSUMER WEIGHTS AND SPECIFICATIONS TO GOVERN SETTLEMENT

Accepted

Taracor
Industries

SEE REVERSE SIDE FOR TERMS OF TRANSACTIONS

Madewell & Madewell

(FUGED) INCORPORATED (BILLY)

Dealers in Non-Hazardous Waste (Hazard)

P. O. BOX 388

JONES, OKLAHOMA 73049

Phone 405 339-2201 or 339-9421

INVOICE NO.

No 3374

INVOICE DATE

June 7, 1980

SHIPPED TO

Tara Corp.
(Former H.L. Plant)
Granite City, Ill.

SOLD TO

Tara Corp.
(Former H.L. Plant)
Granite City, Ill.

CS

OUR ORDER NO	YOUR ORDER NO	SALESMAN	TERMS	SHIPPED VIA	POD OR COLL
	GC463	Hugh	Net-30 Days	Madewell Truck	
QUANTITY	DESCRIPTION				AMOUNT
1	Truckload of Battery Groups as follows:				
	<u>Truck No. L-88</u>				
	Gross Wt. <u>72000</u>				
	Tare Wt. <u>30200</u>				
	Net Wt. <u>41800.</u>				
	Load #2 purchase order no. GC463				

PRINTED BY GRAYARC CO. INC. BROOKLYN NY 11222 M1

CONFIRMATION	Gene DeVall/Hugh Madewell, 5/29/80
--------------	------------------------------------

Please sign and copy and return to TARACORP INDUSTRIES
CONSUMER WEIGHTS AND SPECIFICATIONS TO GOVERN SETTLEMENT

Accepted

Taracorp
Industries

By

Date

SEE REVERSE SIDE FOR TERMS OF TRANSACTIONS



MODINE

MODINE MANUFACTURING COMPANY • 1500 DE KOVEN AVENUE, RACINE, WISCONSIN 53401 • PHONE 614/823-8411

January 18, 1977

NL Industries, Inc.
Metal Division
16th Street & Cleveland Blvd.
Granite City, Illinois 62040

Attention: Mr. Ed Nozian

Dear Ed:

Our Trenton, Missouri plant is shipping their accumulation of one truckload of solder dross to you for re-melting purposes. Please forward Settlement Sheet as soon as possible after shipment is received.

Very truly yours,

Florence Stranbe
Purchasing Expediter

cc: W. Chapman, Trenton

RECEIVED
JAN 20 1977
MID

RECEIVED - subject to the consideration and such as appears on the date of the receipt by the holder of the property described in the Original Bill of Lading

M MODINE
Date 1-10-73
Shipper's No
Agent's No

THIS IS NOT A COPY OF THE ORIGINAL—FOR PURPOSES OF NOTIFICATION ONLY

The current value of the
 property of this company
 is \$100,000.00.

Ca' NE

CHI
Co

42-155

FOR THE CITY OF LOS ANGELES

"The shippers' fight between the ports is a carrier's war. The law requires that the ship's loading shall alone determine the carrier's or shipper's weight."

5-25411

Agent, Po

Postage paid at address of shipper

Date 1.12.73

Inv No

[illegible]



MODINE

MODINE MANUFACTURING COMPANY • 1855 DE KOVEN AVENUE, RACINE, WISCONSIN 53401 • PHONE 914/823-8811

March 21, 1978

NL Industries, Inc.
Metal Division
16th Street & Cleveland Blvd.
Granite City, Illinois 62040

Attention: Mr. Ed Hozian

Gentlemen:

Our Bloomington, Illinois is shipping their accumulation of one truckload of solder dross to you for re-melting purposes. Please forward Settlement Sheets as soon as possible after shipment is received.

Very truly yours,

Florence Straube
Purchasing Expediter

cc: M. Denker, Bloomington

Shain # B 308-017962

RECEIVED
MAR 23 1978
MED

ICC MC 121236 RE CC 7287		MAIL ALL REMITTANCES TO P.O. BOX 747, ROCK ISLAND, IL 61204		ORIGINAL FREIGHT BILL	
DATE 4 4 73 CH	SHIPPER HODME WFO CO BLOOMINGTON IL	SERVICE TRANSPORTATION LINES INC.		2102471	
CONS HAYLO AL LEAD INDUSTRIES 7753 W 47 ST MOCCOK IL	SHIPPER HODME WFO CO BLOOMINGTON IL		DATE		DAYS UNTIL
NO 308 017962		DELIVERED PCS.			
ONE	SEV	REV	NO	CA	NO / REV
17 20 1	CA CODE	CA DATE	CA	NO / REV	NO / REV
DESCRIPTION		5596	60671	TAXES	
24	BARRELS AND 4 SKIDS SOLDER DROSS SCRAP FOR REHEATING PURPOSES ONLY COLL	38369	106 103	40671 39520	
FOR REVENUE ONLY DELIVERED ON CONTROL A 49647		RIS - C-80939			
05467501275		Value			
NOTICE THIS BILL MUST BE PAID WITHIN 7 DAYS AFTER PRESENTATION. THIS CARRIER DEMANDS THE PRIVILEGE OF INSPECTING THE ORIGINAL CONTAINER OF ANY MERCHANDISE, SUBJECT TO CLAIM FOR CONCEALED LOSS OR DAMAGE, WITHIN FIVE (5) DAYS AFTER DELIVERY.					



MODINE

MODINE MANUFACTURING COMPANY • 1800 BE EIGHTH AVENUE, RACINE, WISCONSIN 53401 • PHONE 914/839-8011

May 11, 1978

NL Industries, Inc.
Metal Division
16th Street & Cleveland Blvd.
Granite City, Illinois 62040

Attention: Mr. Ed Hozian

Gentlemen:

Our Pemberville, Ohio plant is shipping to you their accumulation of one truckload, approximately 19,000# 15/85 dross and 16,000# #271 dross, to you for re-smelting purposes. Please forward Settlement Sheets as soon as possible after shipment is received.

Very truly yours,

Florence Straube
Purchasing Expediter

cc: K. Bringman, Pemberville

*Phoned Flo 5/25/78
re cond of above*

*Boys Buter unable to identify
as to grade #*

Recd 4/25/78

RECEIVED
MAY 15 1978
M P D



318 1531

Ship To

Date May 15, 1978

☐ Collect

Date Shipped May 1975

Zone _____

P.O. No. _____

Weight _____

D.M. No. _____

No. Pkgs _____

B.L. No. _____

Ship Via Best Way

Mar. Location _____

APPROVALS:

Dep: Supervisor Signature

Date _____

Requisitioned By

Date _____

Purchasing Approval

Date

2000 40 400

WHITE—PURCHASING FILE. GREEN—RECEIVING. SHIPPING. PINK—PACKING LIST.

NI Industries Waste
Transaction Database Report

APPENDIX D
EXPLANATION OF COMMENTS

APPENDIX D

EXPLANATION OF COMMENTS

The following are explanations of the comments used in the **Comments** field of the database.

■ Document Number Illegible on Primary Document

This comment was entered into the **Comment Code** field when the document number on the primary document was partially or completely illegible.

■ Quantity Discrepancy Exists Between Documents

This comment was entered into the **Comment Code** field when the quantity of waste differed between primary and supporting documents.

■ Quantity Illegible on Supporting Documents

This comment was entered into the **Comment Code** field when the quantity was illegible on supporting documents.

■ Supporting Documents Illegible

This comment was entered into the **Comment Code** field when a supporting document was illegible.

■ Payable Quantity Expressed as Hundred Weight, Not Pounds

This comment was entered into the **Comment Code** field when the quantity on the documents was expressed as hundred weight. The CEAT converted the weight to pounds by moving the decimal two digits to the right.

■ Primary Document States "No Value"

This comment was entered into the **Comment Code** field when the primary document stated "no value."

■ Primary Document States "Return"

This comment was entered into the **Comment Code** field when the primary document stated "return."

■ Quantity Illegible on Primary Document

This comment was entered into the **Comment Code** field when the quantity was illegible on the primary document.

■ Document Indicates Drums "Contain Tar" or "Are Unclean"

This comment was entered into the **Comment Code** field when the primary or supporting documents listed the comments "contain tar" or "are unclean."

■ 104(e) Response

This comment was entered into the **Comment Code** field to indicate the transaction was extracted from a 104(e) response transaction document.

■ Waste Type Illegible on Supporting Documents

This comment was entered into the **Comment Code** field when the type of waste was illegible on the supporting document.

■ Waste Type and Quantity Illegible on Supporting Documents

This comment was entered into the **Comment Code** field when both the waste type and quantity were illegible on the supporting document.

■ Waste Type Illegible on Primary Document

This comment was entered into the **Comment Code** field when the waste type on the primary document was illegible.

■ Document Number Illegible on Supporting Document

This comment was entered into the **Comment Code** field when a supporting document number was partially or completely illegible.

■ Waste Type Discrepancy Between Documents

This comment was entered into the **Comment Code** field when the waste type differed between the primary and supporting document.

■ See Generator-Specific Assumptions

This comment was entered into the **Comment Code** field when a comment or assumption required a more specific explanation than the comment code field length would allow. The generator-specific assumptions are located in Appendix G.

■ Scale Ticket Quantity Expressed as Barrel Gross Weight

This comment was entered into the **Comment Code** field when the quantity extracted from a scale ticket represented "barrel gross weight."

■ Primary Document States "Estimated Weights"

This comment was entered into the **Comment Code** field when the primary document stated "estimated weights."

■ Waste Processed by Suppo Smelting Prior to Shipment to NL

This comment was entered into the **Comment Code** field when the documents indicated a waste shipment was processed by Suppo Smelting before arriving at Granite City.

■ Documents State "Reject"

This comment was entered into the **Comment Code** field when the word "reject" appeared on the primary supporting document.

■ Additional Supporting Documents Present But Not Listed

This comment was entered into the **Comment Code** field when the number of supporting documents exceeded the number of available fields on the database for supporting documents.

■ Quantity Extracted Partially Indicated on Supporting Documents

This comment was entered into the **Comment Code** field when the total quantity from the supporting documents was less than the quantity indicated on the primary document.

■ Aggregate Quantity from Supporting Documents Exceeds Primary

This comment was entered into the **Comment Code** field when the total quantity from the supporting documents exceeded the quantity indicated on the primary document.

■ Other Generator(s) Associated with This Transaction

This comment was entered into the **Comment Code** field to indicate that other generators were listed on the primary or supporting document.

■ Document Represents Duplicate Quantity Information

This comment was entered into the **Comment Code** field when the document represented an adjustment to the quantity or to the cost amount of a previous transaction.

■ Taracorp

This comment was entered into the **Comment Code** field to indicate the transaction was extracted from a Taracorp 104(e) response transaction packet.

APPENDIX E
DOCUMENT TYPES

APPENDIX E

DOCUMENT TYPES

The following is a list of the document types used in developing the NL Industries waste transaction database.

Account-Specific Log Sheet
Accounting Distribution Settlements
Accounts Payable Entry Form
Bill of Lading
Billing Control Sheet
Cashed Check
Certificate of Analysis
Check Stub
Copy Freight Waybill
Correspondence
Credit Memorandum
Customer-Specific Monthly Summary
Debit Memorandum
Freight Bill
Incoming Scrap Collect Shipment Clearance
Incoming Transaction Log
Incoming Transaction Summary
Invoice
Itemized Battery Receipt Listing
Itemized Scrap Receipt Listing
Journal Bill
Journal Shipping and Charge Ticket
Junk Loading Sheet
Ledger - Taracorp
Lot History Record
Material Receiving Report

- Metals Receiving Report
- Bin and Lot Record

Memorandum
Miscellaneous
Notice of Scrap Shipment

Outgoing Transaction Log
Packing List
Packing Slip
Purchase Contract
Purchase Order
Receipt Log
Receiving Slip
Record of Communication
Returned Material Notice
Sales Contract
Scale Ticket
 - Certificate of Weight
Scrap Inflow Report
Settlement for Materials
Settlement Statement
Shipping Contract
Shipping Instruction
Shipping Log
Shipping Order
Tally Sheet
Transaction Log
Transaction Summary
Waste Receipt Memorandum
Yearly Smelter Summary

APPENDIX F
EXAMPLES OF MISCELLANEOUS DOCUMENT TYPES

TALACORP

TARACORP PURCHASES OF "SCRAP" (CLEAN) LEAD
FROM QOAD COMPANY

<i>Sheet</i>	P.O. #	REC-DATE	CREDIT-MEMO#	CREDIT-DATE	QTY. POUNDS	PRICE PER Cwt	AMOUNT
1	OC-717	09/25/80	03122	12/22/80	10870	32.00	\$3,478.40
2	OC-1748	03/31/82	06935	04/08/82	3840	15.00	\$576.00
3	OC-2972	06/06/85	10519	06/06/85	7635	14.00	\$1,068.90
4	OC-3074	09/25/85	10728	10/02/85	6434	13.00	\$836.42
5	OC-3677	03/23/87	11815	03/31/87	7720	16.00	\$1,235.20
6	OC-4757	08/31/89	13697	09/20/89	8470	26.00	\$2,202.20
	TOTALS				44969		\$9,397.12

Sept 0. M. 118328
29
30

Type Goss Wheel Weight Better Plate Ind Pl'te Lead Cells

[illegible]

1-10-63
Natl Lead Van 20
Bettner #1 Bettitt
820 143-3
Acels Q 439476-77-78

8/22/79 CUSTOMER RESERVESMetal Liability -

	Type of Material	Weight	Per lb.	Total Value
<u>GRANITE CITY</u>				
* Chrysler	Body Solder	94,722	.3400	32,205.
Federal Cartridge	Primary Lead	233,062	.4800	112,128.
"	Blast Metal	2,200,000	.3403	748,660.
"	Reverb. Metal	Ø	.3403	Ø
"	5% Sb Pb	699,740	.3553	248,617.
Amax	Ag Dross	18,170	-	-
"	Ag Scrap	21,433	-	-
Univertical	Primary Tin	682	6.8500	4,671.
Reynolds Electric	Grade B Lead	1,503,266	.3403	511,568.
Kennecott Copper	Scrap Lead	1,669	.3403	636.
ESB	Batteries	Ø		
Gould	Batteries	Ø		
Globe	Batteries	143,804		39,722.
Gould	Scrap Sheet Lead	13,440	.3403	4,573.
Bussman	Scrap Solder 40/60	18,957		51,260.
"	Scrap Tin, Bismuth	6,670		27,595.
"	Sb Pb, 5% Sb	110	.3553	39.
"	Scrap Tin	229	6.2500	1,431.
"	Scrap Solder 95/5	97		576.
"	Scrap Lead	62	.3403	21.
"	Scrap Pb, Bi, Sn	1,446		6,572.
"	Scrap Pb, Bi, Sn	210		868.
Amax	Anodes	5,229	-	-
* Ford Motor Co.	Body Solder		.3400	
* GM	Body Solder	93,431		29,636.
		5,277,991		\$1,896,043.4

*See back ~~up~~ sheets for detail.

EXHIBIT #3

From the desk of:

D. M. GOWRIE

Tarrence Out

227541-5

10/3 41,912 ✓

~~10/4 43,086~~

10/5 ~~42,828~~ 42,662 ✓

10/5 ~~41,478~~ 43,924 ✓

10/6 ~~41,984~~ 44,048 ✓

10/10 ~~41,750~~ 42,732 ✓

10/11 41,216 ✓

10/13 42,382 ✓

10/18 42,510 ✓

" 42,726 ✓

10/19 41,776 ✓

It is requested that you advise the Bureau of the results of your investigation.

"TO BE PREPAID"

County

Car/Vehicle
Involvement

E

[illegible]

2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775-2776-2777-2778-2779-2780-2781-2782-2783-2784-2785-2786-2787-2788-2789-2790-2791-2792-2793-2794-2795-2796-2797-2798-2799-2800-2801-2802-2803-2804-2805-2806-2807-2808-2809-2810-2811-2812-2813-2814-2815-2816-2817-2818

— — — — —

1. The first step is to identify the problem. This involves understanding the current situation and the desired outcome.

2. The second step is to analyze the problem. This involves identifying the causes of the problem and the potential solutions.

3. The third step is to develop a plan. This involves determining the steps that need to be taken to solve the problem.

4. The fourth step is to implement the plan. This involves putting the plan into action and monitoring progress.

5. The fifth step is to evaluate the results. This involves assessing the effectiveness of the solution and making adjustments as needed.

10. The above information was obtained from the files of the Department of the Army, Office of the Adjutant General, and is being furnished to you for your information.

50. After a complete review of the above and a search of the files of the FBI, it was determined that the information furnished by the informant is reliable and that the informant is a person of good character.

UNIT CORPORATION Shipper, Per.

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6. 2. 71.

233772

INVOICE WORKSHEET

INVOICE NO. 233772 CUST. NO. 59132 TYPE CODE 48 - MACHINE GEN INVOICE
41 - TYPED INVOICE

114 ORDER NO. 151131 INVOICE DATE 01/12/72 B/L DATE 03/24/72 REF NUMBER 01/16/72 DOC TYPE 3 RECALL DATE 01/16/72 STAMPS IND B/L NUMBER 01/16/72 TRANSIT DAYS 01/16/72

TO Shamela City, Del FROM Shamela City, Del

TERMS 100% net 30 days after shipment
SPY Co T.L. NO 263087/263088

REMARKS 700755

MATL NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT	PRICE	AMOUNT	CAR/VESSEL/WMC, DESC
12	3379	1827	3135	4200		49 Drum
13	5927	328	5593	4300		11 Drums
14	3062	118	2950	3800		30 Drums

JOB	CAR NO.	REFERENCE NO.	STATE	BRANCH	DPT	MAIN	SUB	WEIGHT	AMOUNT	DR
01		089153	14	307		112	139		1229347	
02										
03										
04										

WAM 1.18
2 CWY
3000
4.00
5.00
6.00
7.00

DOC TYPE 8
1. INVOICE
2. B/L
3. D/O
4. C/O
5. S/O
6. S/A
7. DESK

ST. 8
3/13

24 HOUR TOWING SERVICE

PHONE 384-9904

CASH REFUNDS - ENGINES GUARANTEED AGAINST KNOCKS AND CRACKS ONLY. ALL EXCHANGE CORDS MUST BE RETURNED WITHIN 72 HOURS FOR REFUND. ALL CARS, AND RETURNED GOODS MUST BE ACCOMPANIED BY THIS BILL. ALL SALES FINAL. USED STARTERS, GENERATORS AND VOLTAGE REGULATORS CARRY NO GUARANTEE WHATSOEVER. NO DEPOSIT HELD OVER 10 DAYS DUE TO NATURE OF THEIR USE. NO USE IN PERFORMANCE PART IS GUARANTEED. ALL AUTOMATIC TRANSMISSIONS GUARANTEED GOOD WORKING UNITS PROVIDED THEY ARE INSTALLED AND ADJUSTED BY A REPUTABLE AUTOMATIC TRANSMISSION SHOP.

NO SALES TO MINORS.

Customer's Phone
Order No. No. 7/17/81
Name William H. Ingram, Metc
Address Church Street
Wilmington, O.

QTY	DESCRIPTION	PRICE	AMOUNT
9	Carburetors		
	177280		
	30100		
	47180		
	Used Batteries		
	Shipped by express		
	Day Truck		

All items are returned goods unless otherwise specified by this bill.

20039

G. J. White

211 BUCKINGHAM STREET, CINCINNATI, OH

APPENDIX G
GENERATOR-SPECIFIC ASSUMPTIONS

APPENDIX G

GENERATOR-SPECIFIC ASSUMPTIONS

The following are assumptions used during extraction of information for specific generators. All generator-specific assumptions were developed in conjunction with the project contact.

■ Globe

The quantities were extracted from the "Total" column on the monthly summaries dated 08/01/75, 11/24/75, 12/31/75, and 06/25/76 because the individual transactions were illegible.

■ Prestolite Battery

The quantity was extracted from the line stating "Less Smelting Charge" because this quantity matches the quantity listed on the supporting documents. This assumption was made for Settlement for Materials document numbers 009532, 009950, 010407, 010785, 11280, 11376, 11533, and 17381.

■ New Castle

The only documentation received by the CEAT is an Accounts Receivable Ledger for NL Industries. The Ledger indicates NL Industries was charged \$3,781,752.89 and paid New Castle \$3,688,053.51.